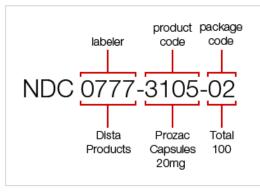**Kentucky Cabinet for Health and Family Services**
National Drug Code (NDC) Information Sheet

The National Drug Code is a unique 10-digit, 3-segment numeric identifier maintained by the U.S. Food and Drug Administration for all drugs manufactured, prepared, compounded or processed for commercial distribution. The NDC number serves as a universal product identifier for drugs.

The three segments of the NDC identify the labeler, product, and trade package size. The first segment, the labeler code, is assigned by the FDA and identifies the labeler or firm that manufactures, repackages or distributes the drug. The second segment, the product code, identifies a specific strength, dosage form, and formulation of a drug for a particular firm. The third segment, the package code, identifies package sizes and types. The product code and package code are assigned by the labeler.

Example NDC

For example, the NDC for a 100-count bottle of Prozac 20 mg is 0777-3105-02. The first segment of numbers identifies the labeler. In this case, the labeler code "00777" is for Dista Products Company, the labeler of Prozac. The second segment, the product code, identifies the specific strength, dosage form (i.e, capsule, tablet, liquid) and formulation of a drug for a specific manufacturer. In our case, "3105" identifies that this dosage form is a capsule. The third segment is the package code, and it identifies package sizes and types. Our example shows that the package code "02" for this bottle of Prozac identifies that 100 capsules are in the bottle. The FDA maintains a searchable database of all NDC codes on their website.

The NDC will be in one of the following configurations: 4-4-2, 5-3-2, or 5-4-1. Drugs may also come with a 10-digit Health Related Item (HRI) code or Universal Product Code (UPC). For purposes of reporting to KASPER, the 10-digit NDC, HRI or UPC must be converted to an 11-digit number according to the National Council on Prescription Drug Programs (NCPDP) standard. Converting a 10-digit code to the correct 11-digit NDC format may require including a leading zero in one of the segments. The following table provides examples for converting a 10-digit NDC, HRI or UPC code to the 11-digit code based on the placement of the leading zero in the proper segment. Hyphens in the examples are included only to illustrate the segment format and should not be used when entering the NDC number into the Prescription Data Entry Form.

10 Digit Format on Product	10 Digit Format Example	Correct 11 Digit NDC Format	Correct 11 Digit Format Showing Insertion of Leading Zero
NDC Format on Product			
4-4-2	9999-9999-99	5-4-2	**0**9999-9999-99
5-3-2	99999-999-99	5-4-2	99999-**0**999-99
5-4-1	99999-9999-9	5-4-2	99999-9999-**0**9
HRI Format on Product			
4-6	9999-999999	5-4-2	**0**9999-9999-99
5-5	99999-99999	5-4-2	99999-**0**999-99
UPC Format on Product			
5-5	99999-99999	5-4-2	99999-**0**999-99